

Public Notice – Environmental Permit

PURPOSE OF NOTICE: To seek public comment on a draft permit from the Department of Environmental Quality for the withdrawal of ground water in Isle of Wight County, Virginia.

PUBLIC COMMENT PERIOD: July 24, 2013 to August 23, 2013

PERMIT NAME: Ground Water Withdrawal Permit issued by DEQ, under the authority of the State Water Control Board

APPLICANT NAME, ADDRESS AND PERMIT NUMBER: Town of Windsor; 8 East Windsor Blvd, Windsor VA 23487; GW1042700

NAME AND LOCATION OF WATER WITHDRAWAL: Windsor Public Water System; Windsor, VA

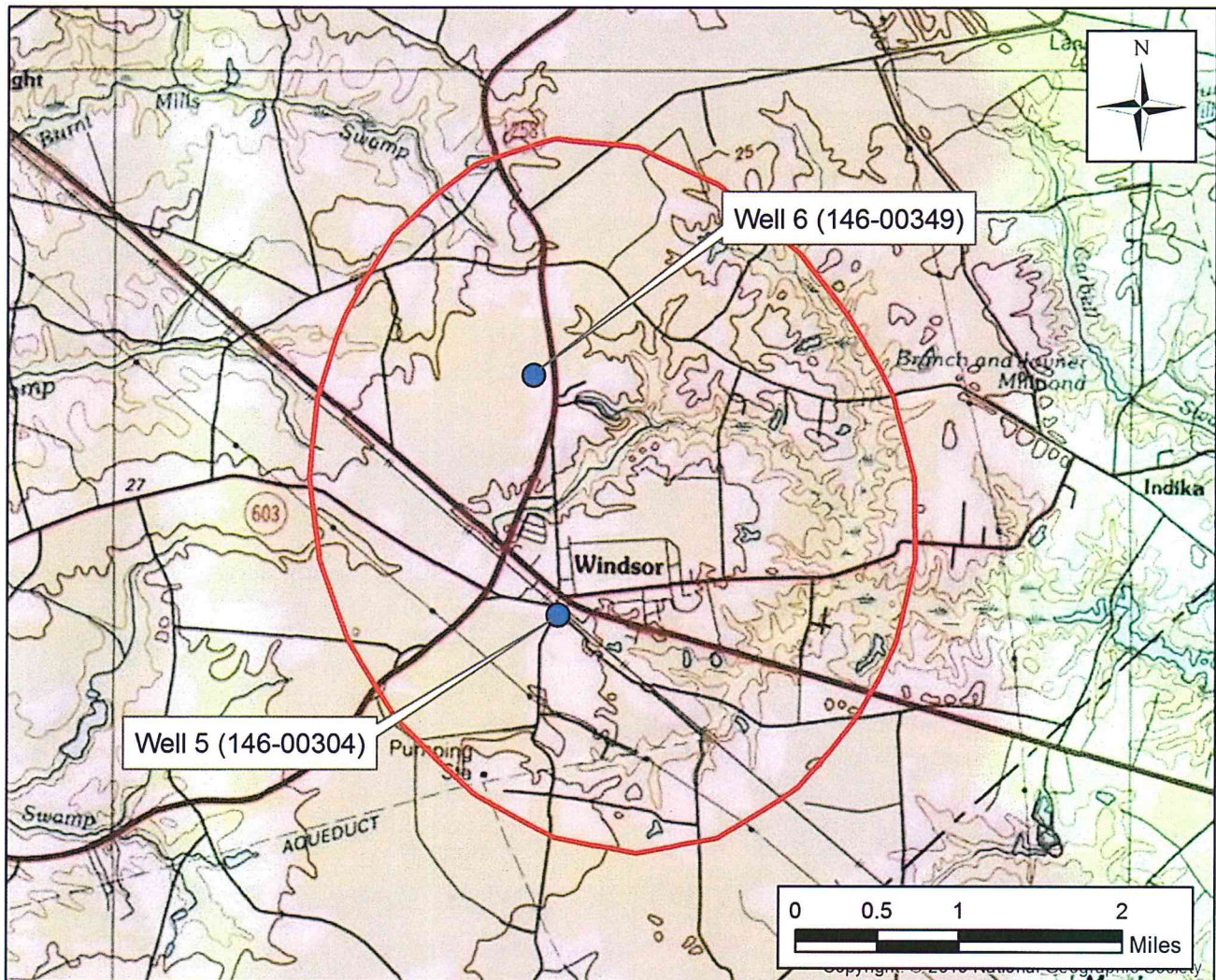
PROJECT DESCRIPTION: The Town of Windsor has applied for a modified permit for the Town of Windsor in Isle of Wight County, Virginia. The permit would allow the applicant to withdraw an average of 539,726 gallons per day. The modification of the permit would allow withdrawals from the new well 6 completed in the Middle Potomac aquifer. The ground water withdrawal will support the public water supply for the Town of Windsor. The proposed withdrawal will utilize the Upper and Middle Potomac aquifers at a depth between 360 feet to 850 feet below the land surface at the withdrawal site. An aquifer is a body of rock or layer of sediment in the ground in which ground water is stored and transported. DEQ has made a tentative decision to issue the permit.

AFFECTED AREA: The radial distance from the wells to where computer modeling predicts the aquifers may experience one foot of drawdown due to the withdrawal is illustrated on maps that can be viewed at <http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/GroundwaterPermitting/PublicNotices.aspx>

HOW TO COMMENT AND OR REQUEST A PUBLIC HEARING: DEQ accepts comments and requests for public hearing by e-mail, fax or postal mail. All comments and requests must be in writing and be received by DEQ during the comment period. Submittals must include the names, mailing addresses and telephone numbers of the commenter/requester and of all persons represented by the commenter/requester. A request for public hearing must also include: 1) The reason why a public hearing is requested. 2) A brief, informal statement regarding the nature and extent of the interest of the requester or of those represented by the requestor, including how and to what extent such interest would be directly and adversely affected by the permit. 3) Specific references, where possible, to terms and conditions of the permit with suggested revisions. DEQ may hold a public hearing, including another comment period, if public response is significant and there are substantial, disputed issues relevant to the proposed permit. **CONTACT FOR PUBLIC COMMENTS, DOCUMENT REQUESTS AND ADDITIONAL INFORMATION:** Hank Ghittino; 5636 Southern Blvd. Virginia Beach, VA, 23451; Phone: 757-518-2197; E-mail: hank.ghittino@deq.virginia.gov; FAX: 757-518-2009. The public may review the draft permit and application at the DEQ Tidewater Regional office by appointment.

Town of Windsor

Area of Impact - Aquia Aquifer



● Town of Windsor Production Wells

○ Area of Impact

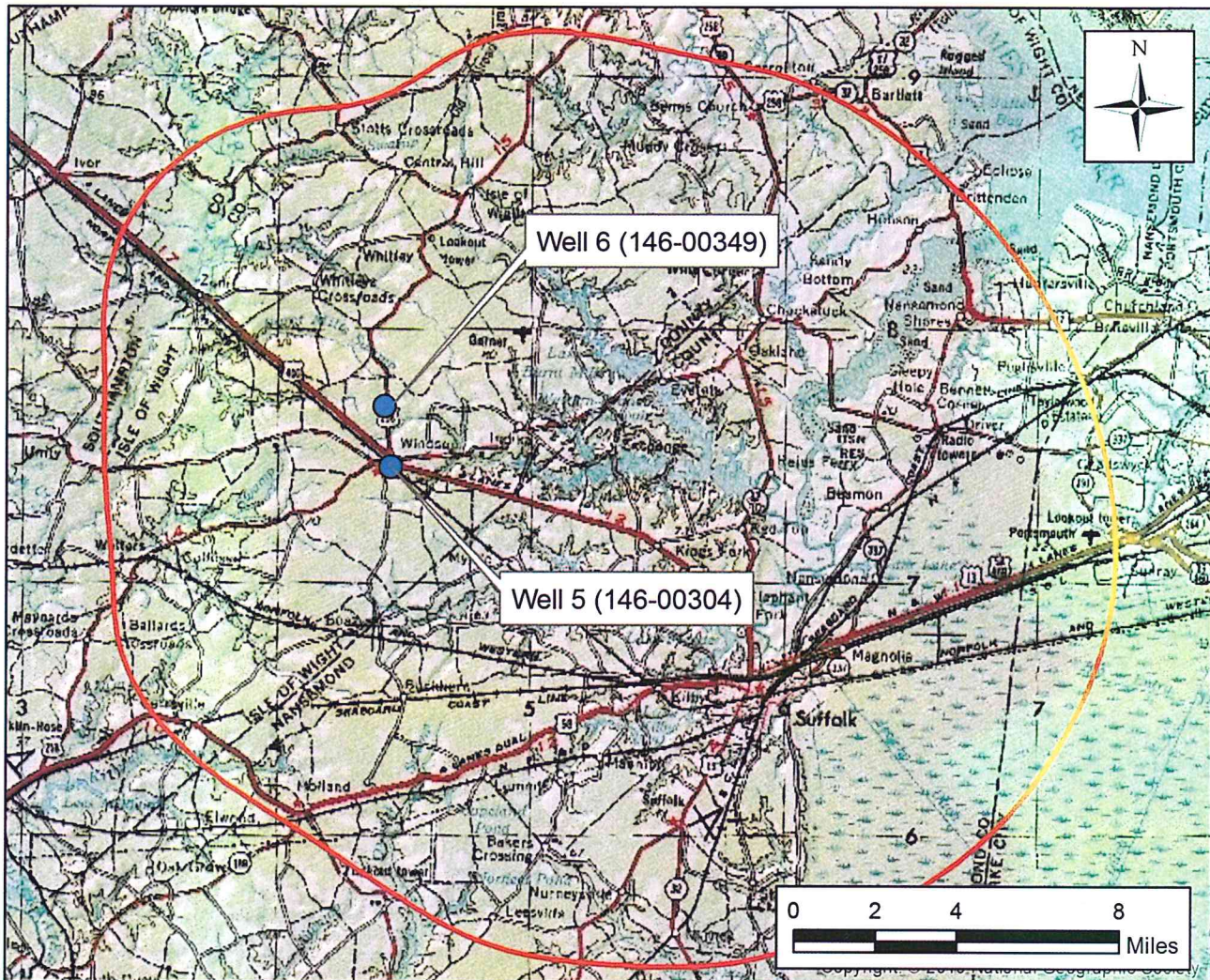
Simulated drawdown at or exceeding one foot in the Aquia aquifer resulting from a 197,000,000 gallon per year (539,726 gpd) withdrawal from the Upper and Middle Potomac aquifers. The Virginia Coastal Plain Model developed by the USGS was used to simulate drawdown.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning
June 3, 2013



Town of Windsor

Area of Impact - Upper Potomac Aquifer



- Town of Windsor Production Wells
- Area of Impact

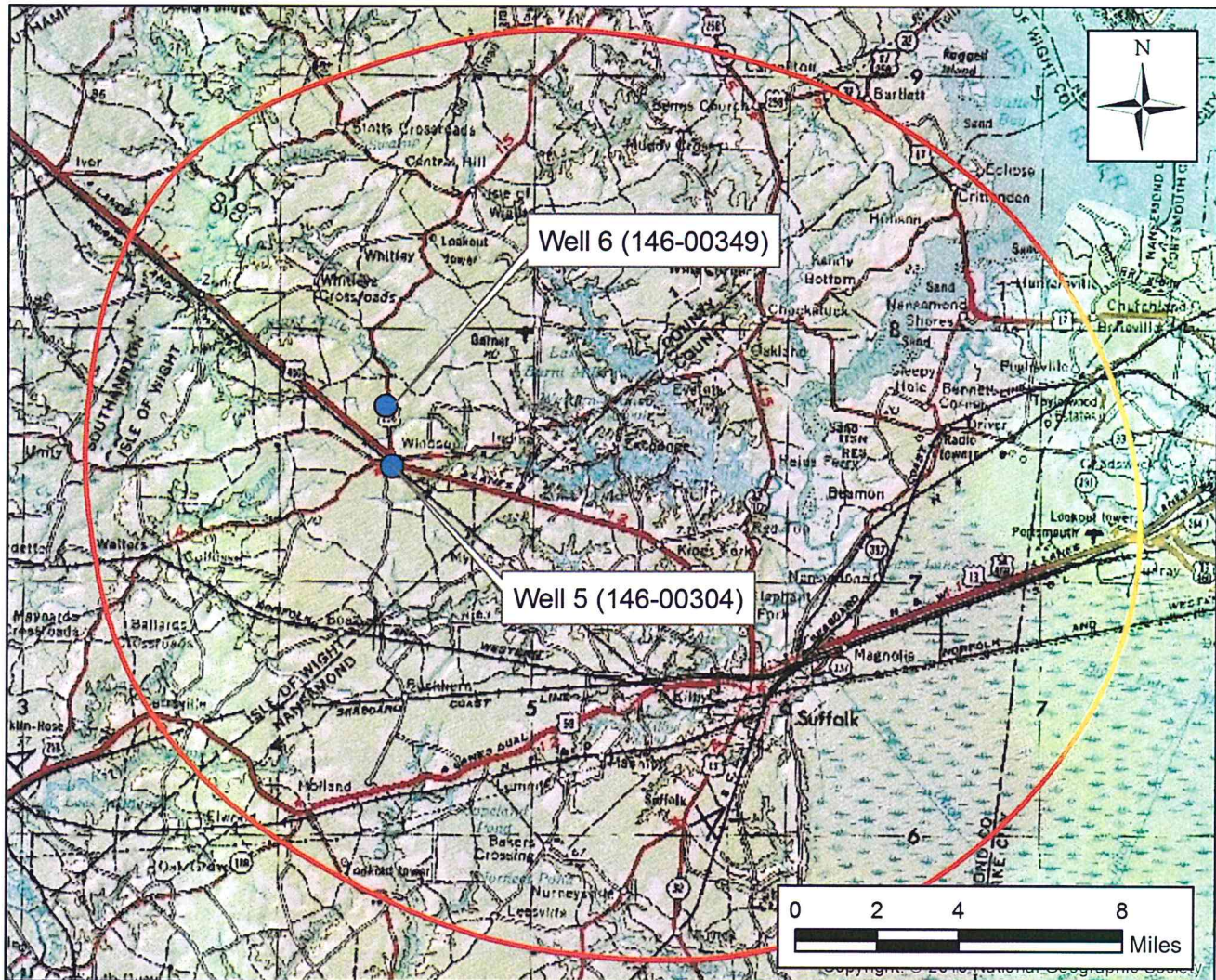
Simulated drawdown at or exceeding one foot in the Upper Potomac aquifer resulting from a 197,000,000 gallon per year (539,726 gpd) withdrawal from the Upper and Middle Potomac aquifers. The Virginia Coastal Plain Model developed by the USGS was used to simulate drawdown.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning June 3, 2013



Town of Windsor

Area of Impact - Middle Potomac Aquifer



- Town of Windsor Production Wells
- Area of Impact

Simulated drawdown at or exceeding one foot in the Middle Potomac aquifer resulting from a 197,000,000 gallon per year (539,726 gpd) withdrawal from the Upper and Middle Potomac aquifers. The Virginia Coastal Plain Model developed by the USGS was used to simulate drawdown.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning
June 3, 2013

